

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Atty Docket No.: 98-70F

In re Application of: Tina GRUBB et al.

Serial No Not Yet Assigned : Group Art Unit:

Filed: Concurrently Herewith : Examiner:

For: **CORROSION AND CHIP-RESISTANT COATINGS FOR HIGH TENSILE
STEEL**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with Applicant(s)' duty of disclosure under 37 CFR §§ 1.97 to 1.98, Applicant(s) submit(s) herewith copies of the documents listed on the enclosed form PTO-1449 "List of Art Cited by Applicant". Inclusion of a document in this Information Disclosure Statement and/or its attached form PTO-1449 is not intended to constitute an admission that any document so disclosed is "prior art" with respect to the present invention unless specifically so stated herein.

The filing of the Information Disclosure Statement shall not be construed to mean that a search has been made, or that no other material information, as defined in 37 CFR 1.56(a), exists.

Please be advised that Applicant has not provided copies of those items cited herein which were properly cited in and of which copies were filed in or cited by the Examiner in either of the parent of the instant application, U.S. application serial no. 09/703,408, filed on November 01, 2000, now allowed, or the grandparent of the instant application, U.S. application serial no. 09/173,146, filed on October 15, 1998, upon both of which the instant application relies for an earlier effective filing date under 35 USC § 120. 37 C.F.R. § 1.98(d).

Except for those items cited in grandparent application, U.S. application serial no. 09/173,146, and in parent application, U.S. application serial no. 09/703,408, of which copies are contained in the parent or grandparent application, in accordance with 37 CFR § 1.98(a)(2), a copy of each item listed in the attached form PTO-1449 is included herewith.

November 21, 2003

The Examiner is requested to review the references cited herein and to make the references cited of record in the present application.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Andrew E. C. Merriam", written in a cursive style.

Andrew E. C. Merriam

Attorney/Agent for Applicant(s)

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LIST OF ART CITED BY APPLICANT

(Use several sheets if necessary)

Atty Docket No. 98-707F	Serial No. NOT YET ASSIGNED 09/947,623
Applicant Tina L. Grubb, et al.	
Filing Date <i>Concurrently herewith</i> September 7, 2001	Group 1765

U.S. Patent Documents

EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	Class/Subclass	FILING DATE IF APPROPRIATE
	AA	5,334,631	8/2/94	Durand	523/459	7/21/92
	AB	5,196,261	3/23 /93	Ono, et al.	428/31.5	7/27/92
	AC	3,336,251	8/15/67	Manasia	260-18	5/14/64
	AD	3,170,890	2/23/65	Boyd, et al.	260/37	8/24/61
	AE	5,274,006	12/28 /93	Kagoshima, et al.	521/85	2/18/92
	AF	5,063,095	11/5/91	Kitagawa, et al.	428/35.8	9/5/90
	AG	4,491,554	1/1/85	Hamel, et al.	264/141	9/27/83
	AH	5,789,482	8/4/98	Eldin, et al.	525/65	9/28/92
	AI	6,025,438	2/15/00	Hinterwaldner, et al.	525/ /112	
	AJ	5,468,461	11/21/95	Hosoda, et al.	523/463	8/25/94
	AK	5,981,086	11/9/99	Siminski	428/624	10/8/96

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	Class/Subclass	Translation Yes/No
	AL	0292771B1	9/31/93	EP	C09D/163/ 00	
	AM	0631536B1	12/11/96	EP	B29B 17/00	
	AN	0525870A1	2/3/93	EP	C09D 5/03	
	AO	0846710A1	6/10/98	EP	C08G 59/40	
	AP	3018765	11/26/81	DE	C09D 5/40	No

OTHER ART (Including Author, Title, Date, Pertinent Patents, etc.)

	AR	Morton International, Inc. Patent Application Serial No. 08/728,237, filed October 8, 1996.
	AS	English Language Translation of Japanese Patent No. JP 5811476, 7/1983 <i>Am 11/20/03</i>
	AT	Derwent Abstract of Japanese Patent No. JP 58114766A, 7/1983 <i>Am 11/21/03</i>
Examiner		Date Considered

*EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.

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(Use several sheets if necessary)

Atty Docket No. 98-708 F	Serial No. NOT YET ASSIGNED 09/947,623
Applicant Tina L. Grubb, et al.	
Filing Date <i>Concurrently Herewith</i> September 7, 2001	Group 1765

U.S. Patent Documents

EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	Class/Subclass	FILING DATE IF APPROPRIATE
	AA	5,686,185	11/11/97	Correll, et al.	428/418	12/30/96
	AB	5,569,687	10/29/96	Sanborn, et al.	523/414	3/16/95
	AC	4,186,036	1/29/80	Elms, et al.	148/6.15	8/25/78
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	Class/Subclass	Translation Yes/No
	AL	1407851	9/24/75	UK	C08G 59/14	
	AM	1120253	3/23/82	CA	C09K 3/00	

OTHER ART (Including Author, Title, Date, Pertinent Patents, etc.)

	AN	Encyclopedia of Polymer Science and Engineering, Vol. 3, Coating Methods: Powder Coating pp. 552, 575-577, 1985.	Am 11/21/03
	AO	English Language Translation of Japanese Patent No. JP 5929154, 1984.	Am 11/21/03
	AP	Derwent Abstract of Japanese Patent No. JP 5929154A, 1984.	Am 11/21/03
	AR	Derwent Abstract of European Patent No. EP 526153, 1993.	Am 11/21/03
	AS	Derwent Abstract of Patent No. WO 9317851, 1993.	Am 11/21/03
	AT	Derwent Abstract of European Patent No. EP 40243, 420423.	Am 11/21/03

Examiner

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	AK				

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OTHER ART (Including Author, Title, Date, Pertinent Patents, etc.)

AL	Abstract of Japanese Patent No. JP 58-114766A, Citations from PATENT ABSTRACTS OF JAPAN:PJ2.
AM	NERAC (computerized literature search) performed by Jeffrey Casavant, September 29, 1998.
AN	GCA Newsletter, "Kukdo's New Products" (Relates to KR-600 series Acrylic Rubber Modified Epoxy).
AO	Ralph Drake "Elastomer-Modified Epoxy Powder Coatings: A Review", Powder Coatings, 184 No. 4347, April 13, 1994, pp. 151-154. AM ✓ 11/21/03
AP	H.J. Sue, et al., "Toughening of High Performance Epoxies Using Designed Core-Shell Rubber Particles", Polymer Reprints, 32 (3), pp. 358-359.
AR	Encyclopedia of Polymer Science and Engineering, Vol. 6, Epoxy Resins: Fillers, pp. 362-363, 1985. AM ✓ 12/24/03
AS	
AT	

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Applicant Tina L. Grubb et al

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U.S. Patent Documents

EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	Class/Subclass	FILING DATE IF APPROPRIATE
	AA	5,091,242	02/25/92	Chung	428/301.1	
	AB	4,572,868	02/25/86	Hosaka et al	428/328	
	AC	4,381,334	04/26/83	Balk et al	428/332	
	AD	3,947,522	03/30/76	Shelley et al	260/837R	
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	AF					
	AG					
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	AJ					
	AK					

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	AL					
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	AO					
	AP					

OTHER ART (Including Author, Title, Date, Pertinent Patents, etc.)

	AR	Alger, Polymer Science Dictionary, 2 nd Edition, pp. 5-6, 04-1999
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	AA	5,062,284	11/05/91	Kubo et al	72/46	
	AB	4,491,554	01/01/85	Hamel et al	264/141	
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					

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	AL					
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	AN					
	AO					
	AP					

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	AR	Abstract of DE 3018765, 11/26/1981
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